Write an Equation Through 2 Points: $y = mx + b$ $m = \frac{y_2 - y_1}{x_2 - x_1}$

Name: _____ Date: _____

Write an equation in slope-intercept form of the line that passes through the given points.

1. (0, 4), (1, 10)

m = _____
b = _____
equation: _____

2. (3, 2), (2, 3)

m = _____
b = _____
equation: _____

3. (4, 6), (-2, 6)

m = _____
b = _____
equation: _____

4. (3, -9), (3, 8)

m = _____
b = _____
equation: _____

5. (7, 2), (-8, -3)

m = _____
b = _____
equation: _____

6. (-5, -4), (-3, -9)

m = _____
b = _____
equation: _____